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PATENT

Attorney Docket No. TRW(BCS)6746

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s): Stephen J. Horner, Kevin P. Jokipii, John A. Barrs, David L. Becker and Jonathan R. Penrose

For (title): **SENSOR ASSEMBLY**

Enclosed are:

1. Papers Required for Filing Date Under 37 CFR 1.53(b):

18 Pages of specification

1 Pages Abstract

4 Pages of claims

1 Sheets of drawing

formal (Figs.)

Informal

In addition to the above papers there is also attached: Information Disclosure Statement, PTO 1449 form

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date February 2, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EU853428787 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Deborah Denn
(Type or print name of person mailing paper)


(Signature of person mailing paper)

2. Declaration or oath:

- Enclosed (Executed)
 Not Enclosed

3. Language:

- English

- Non-English

A verified English translation of the

- specification and claims

- declaration

is attached.

4. Assignment:

- An assignment of the invention to TRW Automotive U.S. LLC

- is attached.

- will follow

5. Certified Copy:

Certified copy (ies) of application (s)

(Country)	(Appln. No.)	(Filed)
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(Country)	(Appln. No.)	(Filed)
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(Country)	(Appln. No.)	(Filed)
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from which priority is claimed

- is attached

- will follow

SEARCHED / INDEXED COPY

6. Fee Calculation:
(Small entity filing fee is 50% normal fee)

		CLAIMS AS FILED		
Number Filed		Number Extra	Rate	Basic Fee
				\$ 770.00
Total Claims	9	-20 =	X \$ 18.00	-0-
Independent Claims	2	- 3 =	X \$ 86.00	-0-
Multiple dependent claim(s), if any			+ \$290.00	

- Amendment cancelling extra claims enclosed
- Amendment deleting multiple dependencies enclosed
- Fee for extra claims is not being paid at this time

Filing Fee Calculation

\$770.00

7. Small Entity Statement

- The present application is being filed by or on behalf of a small entity as defined in 37 CFR 1.9 and 1.27 for purposes of paying reduced fees.

8. Fee Payment Being Made At This Time:

Enclosed

- | | |
|---|----------|
| <input checked="" type="checkbox"/> basic filing fee | \$770.00 |
| <input type="checkbox"/> assignment recordal fee | \$ _____ |
| <input type="checkbox"/> for processing an application with a specification in a non-English language | \$ _____ |

Total fees enclosed

\$770.00

9. Method of Payment Fees:

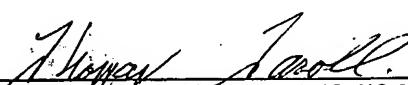
- check in the amount of **\$770.00** enclosed.

The Commissioner is hereby authorized to charge any DEFICIENCY in the filing fees for this application to our Deposit Account No. 20-0090.

10. Instructions As to Overpayment:

- refund

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SIGNATURE OF ATTORNEY, REG. NO. 20,177

THOMAS L. TAROLLI
Type or print name of attorney